



SEQUENCE LISTING

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OCT 17 2003

TECH CENTER 1600/2900

<110> GILCHRIST, ANNETTE
Hamm, Heidi

<120> METHOD FOR IDENTIFYING MODULATORS OF G PROTEIN COUPLED RECEPTOR SIGNALING

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<140> US 09/852910
<141> 2001-05-11

<150> US 60/275472
<151> 2001-03-14

<160> 271

<170> PatentIn version 3.2

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Ser Arg Lys

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Cys Val Glu
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Ile Ser Lys Asn Leu Arg Asp Cys Gly Leu Leu
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Phe Trp Gly Asn Leu Gln Asp Ser Gly Leu Phe
1 5 10

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1 5 10

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<213> Artificial Sequence

<220>
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<400> 226

Leu Glu Glu Asn Leu Lys Tyr Arg Met Leu Asp
1 5 10

<210> 227

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> G12 library peptide

<400> 227

Leu Gln Glu Asp Leu Lys Gly Met Thr Leu Gln
1 5 10

<210> 228

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<213> Artificial Sequence

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<400> 228

Leu Gln Glu Thr Met Lys Asp Gln Ser Leu Gln
1 5 10

<210> 229

<211> 11

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<213> Artificial Sequence

<220>

<223> G12 library peptide

<400> 229

Pro Gln Val Asn Leu Lys Ser Ile Met Arg Gln
1 5 10

<210> 230

<211> 11

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<220>
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<400> 230

Trp Gln His Lys Leu Ser Glu Val Met Leu Gln
1 5 10

<210> 231
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<400> 231

Leu Lys Glu His Leu Met Glu Arg Met Leu Gln
1 5 10

<210> 232
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<213> Artificial Sequence

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<400> 232

Leu Leu Gly Met Leu Glu Pro Leu Met Glu Gln
1 5 10

<210> 233
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<400> 233

Leu Gln Asp Asn Leu Lys Gln Leu Met Leu Gln

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<210> 234
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<400> 234

Leu Gln Asp Asn Leu Arg His Leu Met Leu Gln
1 5 10

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<400> 235

Leu Gln Asp Lys Ile Asn His Leu Met Leu Gln
1 5 10

<210> 236
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<212> PRT
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<220>
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<400> 236

Leu Gln Ala Asn Arg Lys Leu Gly Met Leu Gln
1 5 10

<210> 237
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<400> 237

Leu Ile Val Lys Val Lys Gln Leu Ile Trp Gln
1 5 10

<210> 238

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<400> 238

Met Arg Ala Lys Leu Asn Asn Leu Met Leu Glu
1 5 10

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Leu Gln Asp Asn Leu Arg His Leu Ile Gln
1 5 10

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Leu Gln Asp Asn Arg Asn Gln Leu Leu Phe
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<210> 241

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Leu Gln Leu Asn Arg Lys Asn Tyr Asn Leu Val
1 5 10

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Leu Gln Leu Asp Leu Lys Glu Ser Asn Met Val
1 5 10

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<400> 243

Leu Gln Leu Asn Leu Lys Lys Tyr Asn Arg Val
1 5 10

<210> 244
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<220>
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<400> 244

Leu Gln Leu Arg Val Lys Glu Tyr Lys Arg Gly

1 5 10

<210> 245
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<400> 245

Leu Gln Ile Tyr Leu Lys Gly Tyr Asn Leu Val
1 5 10

<210> 246
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<400> 246

Leu Gln Tyr Asn Leu Lys Glu Ser Phe Val Val
1 5 10

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Leu Gln Arg Asp His Val Glu Tyr Lys Leu Phe
1 5 10

<210> 248
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Leu Val Ile Lys Pro Lys Glu Phe Asn Leu Val
1 5 10

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Ile Gln Leu Asn Leu Lys Asn Tyr Asn Ile Val
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Met Gln Leu Asn Leu Lys Glu Tyr Asn Leu Val
1 5 10

<210> 251

<211> 11

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<400> 251

Val Gln Val Lys Leu Lys Glu Tyr Asn Leu Val
1 5 10

<210> 252

<211> 11

<212> PRT
<213> Artificial Sequence

<220>
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<400> 252

Gln Leu Leu Asn Gln Tyr Val Tyr Asn Leu Val
1 5 10

<210> 253
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<400> 253

Trp Arg Leu Ser Leu Lys Val Tyr Asn Leu Val
1 5 10

<210> 254
<211> 11
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<400> 254

Leu Gln Arg Asn Lys Asn Gln Tyr Asn Leu Gly
1 5 10

<210> 255
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<220>
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<400> 255

Leu Tyr Leu Asp Leu Lys Glu Tyr Cys Leu Phe

1 5 10

<210> 256
<211> 11
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<400> 256

Ser Ala Lys Glu Leu Asp Gln Tyr Asn Leu Gly
1 5 10

<210> 257
<211> 11
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<400> 257

Leu Phe Leu Asn Leu Lys Glu Tyr Ser Leu Val
1 5 10

<210> 258
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<400> 258

Leu Glu Leu Asn Leu Lys Val Tyr Asn Leu Val
1 5 10

<210> 259
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<400> 259

Leu Pro Leu Asn Leu Ile Asp Phe Ser Leu Met
1 5 10

<210> 260

<211> 11

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<400> 260

Leu Pro Arg Asn Leu Lys Glu Tyr Asp Leu Gly
1 5 10

<210> 261

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> G11 library peptide

<400> 261

Leu Arg Leu Asn Asp Ile Glu Ala Leu Leu Val
1 5 10

<210> 262

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> G11 library peptide

<400> 262

Leu Val Leu Asn Arg Ile Glu Tyr Asn Leu Leu
1 5 10

<210> 263

<211> 11

<212> PRT
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<220>
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<400> 263

Leu Lys Arg Lys Leu Lys Glu Ser Asn Met Gly
1 5 10

<210> 264
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<213> Artificial Sequence

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<400> 264

Leu Lys Arg Lys Val Lys Glu Tyr Asn Leu Gly
1 5 10

<210> 265
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<400> 265
gaaaatcttc tctcatccg

19

<210> 266
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<220>
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<400> 266

Ile Leu Glu Asn Leu Lys Asp Cys Gly Leu Leu
1 5 10

<210> 267
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<213> Homo sapiens

<400> 267
gccgccacc 9

<210> 268
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<220>
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<400> 269
agctttcaga agaggccgca gtccttcagg ttgttcttga ttcccatggg ggccggcg 57

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<212> DNA
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<220>

<223> forward primer for G alpha carboxyl terminal peptide insert

<400> 270
atccggccgc accatggga 19

<210> 271
<211> 20
<212> DNA
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<220>
<223> reverse primer for G alpha carboxyl terminal peptide insert

<400> 271
gcgaaaggag cggggcgcta

20